ABSTRACT OF THE DISCLOSURE

A partial reprojection device includes a
reprojection processing portion for controlling a partial
5   reprojection process, a modeling kernel for performing a
contour line process, a hidden line process and other
processes. The reprojection processing portion includes
an associative analysis processing portion for analyzing
information of two-dimensional projection to be a
10   reprojection target, a drawing processing portion for
deciding a three-dimensional element to be a projection
target from three-dimensional shape data and a projection
condition in association with the modeling kernel, a
drawing data generation processing portion for generating
15   the decided three-dimensional element as a two-dimensional
element on the drawing, and an associative setting
processing portion for grouping the generated two-
dimensional elements for each part and for setting a
relationship with various conditions and the models.